Newcastle-Ottawa scores

Reference	Score	Selection				Comparability	Outcome		
		Representativeness of the exposed cohort	Selection of the non exposed cohort	Ascertainment of exposure	Demonstration that outcome of interest was not present at start of study	Comparability of cohorts on the basis of the design or analysis	Assessment of outcome	Was follow-up long enough for outcomes to occur	Adequacy of follow up of cohorts
Weber 1979	8	*Truly representative of the average women with CIN in the community	*Drawn from the same community as the exposed cohort	*Hospital records	*Yes	*Study controls for age or internal matching	*Record linkage	*Yes	* Complete follow-up – retrospective
Larsson 1982	9	*Truly representative of the average women with CIN in the community	*Internal matching	*Hospital records	*Yes	**Internal matching & study controls for age, parity, socio-economic status and smoking	*Record linkage	*Yes	* Complete follow-up – retrospective
Buller 1982	8	*Somewhat representative of the average women with CIN in the community	*Internal matching	*Hospital records	*Yes	*Internal matching	*Record linkage	*Yes	* Complete follow-up – retrospective
Blomfield 1993	9	*Somewhat representative of the average women with CIN in the community	*Drawn from the same community as the exposed cohort	*Hospital records	*Yes	**Study controls for age, parity, ethnicity	*Record linkage	*Yes	* Complete follow-up – retrospective
Bigrigg 1994	7	Selected group as only 25% responded to the invitation to participate	*Drawn from the same community	*Hospital records	*Yes	**Study controls for age and geographic	Self-reporting	*Yes	* Complete follow-up – retrospective

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			as the exposed cohort			area. Controls had a negative smear			
Cruickshank 1995	8	*Somewhat representative of the average women with CIN in the community	*Drawn from the same community as the exposed cohort	*Hospital records	*Yes	**Study controls for age, parity, height smoking and partners social class	Self-reporting	*Yes	* Complete follow-up – retrospective
Sagot 1995	8	*Somewhat representative of the average women with CIN in the community	*Internal matching	*Hospital records	*Yes	*Internal matching	*Record linkage	*Yes	* Complete follow-up – retrospective
Spitzer 1995	8	*Truly representative of the average women with CIN in the community	*Internal matching	*Hospital records	*Yes	**Internal matched for age and parity with the pre-treatment interval of the same patients	Self-reporting	*Yes	* Complete follow-up – retrospective
Turlington 1996	7	*Truly representative of the average women with CIN in the community	*Drawn from the same community as the exposed cohort	*Hospital records	*Yes	*Unmatched – had colposcopy +/- biopsy but no treatment	Self-reporting	*Yes	* Complete follow-up – retrospective
Tan 2004	9	*Somewhat representative of the average women with CIN in the community	*Drawn from the same community as the exposed cohort	*Hospital records	*Yes	**Study controls age and parity	*Record linkage	*Yes	* Complete follow-up – retrospective

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Sjoberg 2007	8	Selected group as only 31% responded to the invitation to participate	*Drawn from the same community as the exposed cohort	*National registry	*Yes	**Study controls for age, parity, plurality and regression analysis for smoking, marital status and education	*Record linkage	*Yes	* Complete follow-up – retrospective
Albrechtesen 2008	9	*Truly representative of the average women with CIN in the community	*Drawn from the same community as the exposed cohort	*National registry	*Yes	**Regression analysis for age and birth order	*Record linkage	*Yes	* Complete follow-up – retrospective
Kalliala 2012	9	*Truly representative of the average women with CIN in the community	*Drawn from the same community as the exposed cohort	*National registry and hospital records	*Yes	**Regression analysis for number of pregnancies and children, age, municipality	*Record linkage	*Yes	* Complete follow-up – retrospective
Frega 2013	8	*Somewhat representative of the average women with CIN in the community	*Drawn from the same community as the exposed cohort	* Hospital records	*Yes	*Unmatched but only nulliparous, white ethic group included	*Record linkage	*Yes	*Subjects lost to follow up <5% unlikely to introduce bias
Spracklen 2013	8	*Somewhat representative of the average women with CIN in the community	*Drawn from the same community as the exposed cohort	*Compute-assisted structured telephone interview	*Yes	** Regression analysis for age, education, household income, race, parity, pre-pregnancy	Self-reporting	*Yes	* Complete follow-up – retrospective

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						BMI, smoking			